

## **WEST AMWELL TOWNSHIP BOARD OF HEALTH**

March 24, 2016, 7:30 p.m.

The West Amwell Township Board of Health met on the above date.

The meeting was called to order at 7:30 p.m. Chair Hart declared the meeting in compliance with the Open Public Meetings Act. Notice of this meeting was included in the Resolution faxed to the Hunterdon County Democrat and Trenton Times on January 29, 2016, was posted on the bulletin board in the Municipal Building on said date and has remained continuously posted as required under the Statute. A copy of this notice is and has been available to the public and is on file in the office of the Municipal Clerk.

Present: Ken Hart, John Dale, Jim Cally, Brian Mundhenk and Lora Olsen. Absent/excused Zach Rich, Stephen Bergenfeld and Rick Kropp. Public in attendance included Erica Busch, Ed Keller and Craig Patterson.

### **PRESENTATION OF MINUTES**

The January 28, 2016 minutes were unanimously approved on motion from Mundhenk, seconded by Cally.

### **AGENDA REVIEW**

No additions to the agenda were noted.

### **OPEN TO THE PUBLIC/TOPIC NOT ON THE AGENDA**

No one came forward at this time.

### **INTRODUCTION OF ORDINANCES AND/OR PUBLIC HEARING AND/OR SPECIAL PRESENTATION**

None

### **NEW BUSINESS**

#### **Request for Waiver – Block 22 Lot 1**

8 – Craig Patterson overviewed the situation with this Rock Road East property. The design presented accommodates the 18 and 12 inch mottling encountered in the logs. A Norweco Aerobic unit is proposed and will utilize a raised bed system, but the height of the mound is reduced. The distance to the well is okay. The unit will be maintained by Stevenson Supply and there will be a yearly contract with the County. Mr. Patterson noted that the system was designed for a 4 bedroom house, although the system can handle a 5 bedroom one. However, the County's letter states 3 bedrooms. This error will be called to their attention.

#### **BOH RESOLUTION #06-2016**

WHEREAS, a septic system alteration request has been referred to the Township Board of Health for Block 22 Lot 18 for an existing 4 bedroom dwelling with no expansion; and

WHEREAS, the use of an advanced technology system called the Norweco Aerobic treatment unit has been incorporated into the design; and

WHEREAS, this advanced treatment device is a new alternative technology that has been approved by the DEP, which has provided a revised guidance document dated January 2008 to be used by the local Board of Health when reviewing these plans; and,

WHEREAS, 7:9A was revised on April 2, 2012 and incorporated the aerobic systems in the code and now are not considered alternative technologies but rather Advanced Wastewater Pretreatment according to 8.3 of the code; and

WHEREAS, this design incorporates a 960-500 tank which is a correct unit for a 4 bedroom dwelling; and

WHEREAS, the Board can approve the proposed design since the DEP has given local Boards of Health authority to approve these technologies; and,

WHEREAS, the following waivers and approvals will need to be acted on by the Board

1. The zone of treatment can be reduced to 18 inches at the discretion of the Administrative Authority when Advanced Wastewater Pretreatment is being proposed.
2. The highest regional water table is at 12 inches which is less than the maximum allowed by code of 24 inches from the surface.

WHEREAS, all requirements and conditions for Advanced Treatment Units are listed on pages 3 and 8 of the plot plan including a maintenance agreement, deed notice; and, NEHA certification for the system installer; and

WHEREAS, this is a malfunctioning system, the Board can consider waivers and special approvals since the system, per 7:9A 3.3(e) 2ii is more in conformance with the code

THEREFORE BE IT RESOLVED, by the West Amwell Township Board of Health that the waivers and approvals listed in #1 & 2 above, as outlined in the County's March 15, 2016\* letter, be granted. *\*County subsequently issued corrected letter dated March 30, 2016*

BE IT FURTHER RESOLVED, that a copy of the maintenance agreement, deed notice and NEHA certification for the system installer and manufacturer certification of the design engineer be provided to the West Amwell Board of Health in addition to the Hunterdon County Division of Health

BE IT FURTHER RESOLVED, that the maintenance agreement be provided to the owner and kept with the house

BE IT FINALLY RESOLVED, that this resolution be forwarded to the Hunterdon County Division of Health, the engineer of record and the applicant.

*The Resolution was unanimously approved on motion by Cally, seconded by Mundhenk.*

Request for Waiver – Block 8 Lot 28.02 – Erica Busch, and owner Ed Keller, came forward for this Mill Road property. It's a 4 bedroom dwelling with no expansion. The property is for sale and the septic failed. Soil logs were performed in the back right corner of the lot near the original septic as the rest of the lot has over a 25% grade. The lower portion of the existing system, where a series of 7 trenches are located, found that a couple of these trenches were dry and clean with virgin ground. The new design utilizes an Ecoflo Advanced treatment system as a conventional system would not fit on the lot. The bed will be on hillside with a 2 foot high retaining wall. A deed notice concerning the Advanced Treatment system was noted and Ecoflo holds the maintenance agreement. The life expectancy of the system is 10 years after which the coco and filters will have to be replaced. The system cannot be unplugged and an alarm is embedded.

BOH RESOLUTION # 07-2016

WHEREAS, a septic system alteration request has been referred to the Township Board of Health for Block 8 Lot 28.02 for an existing 4 bedroom dwelling with no expansion; and

WHEREAS, the use of an advanced technology system called the Ecoflo Coco Filter Aerobic treatment unit has been incorporated into the design; and

WHEREAS, this advanced treatment device is a new alternative technology that has been approved by the DEP, which has provided a revised guidance document dated January 2008 to be used by the local Board of Health when reviewing these plans; and,

WHEREAS, 7:9A was revised on April 2, 2012 and incorporated the aerobic systems in the code and now are not considered alternative technologies but rather Advanced Wastewater Pretreatment according to 8.3 of the code; and,

WHEREAS, this design incorporates an EC7-600-P-P tank which is a correct unit for a 4 bedroom dwelling; and

WHEREAS, the Board can approve the proposed design since the DEP has given local Boards of Health authority to approve these technologies; and,

WHEREAS, the following waivers and approvals will need to be acted on by the Board

3. The proposed zone of treatment will be 37 inches. The zone of treatment can be reduced to 18 inches at the discretion of the Administrative Authority when Advanced Wastewater Pretreatment is being proposed.
4. A rock retaining wall is proposed in lieu of a 3:1 slope. The proposed rock wall will be less than 10 feet from the property line. (A note has been added stating the engineer shall inspect and provide certification on the boulder wall and inspect that the final grading has not led to any off site water runoff problems.)

WHEREAS, all requirements and conditions for Advanced Treatment Units are listed on page 2 of the plot plan including a maintenance agreement, deed notice; and, NEHA certification for the system installer and manufacturer certification of the design engineer; and

WHEREAS, this is a malfunctioning system, the Board can consider waivers and special approvals since the system, per 7:9A 3.3(e) 2ii is more in conformance with the code

THEREFORE BE IT RESOLVED, by the West Amwell Township Board of Health that the waivers and approvals listed in #1 & 2 above, as outlined in the County's March 17, 2016 letter, be granted.

BE IT FURTHER RESOLVED, that a copy of the maintenance agreement, deed notice and NEHA certification for the system installer and manufacturer certification of the design engineer be provided to the West Amwell Board of Health in addition to the Hunterdon County Division of Health

BE IT FURTHER RESOLVED, that the maintenance agreement be provided to the owner and kept with the house

BE IT FINALLY RESOLVED, that this resolution be forwarded to the Hunterdon County Division of Health, the engineer of record and the applicant.

*The Resolution was unanimously approved on motion by Cally, seconded by Mundhenk.*

#### **UNFINISHED BUSINESS**

Update on Salt Testing – Chair Hart spoke to yesterday's excavation at the DPW yard. He relayed that the area has 4-6 feet of fill and a drop off. They checked the front and side and found no visible salt. The area had dry soil and 9 feet of rock. A soil sample was taken. Unless there is some serious sampling as to chlorides, there's no way to ascertain salt levels. There was nothing seen except a lot of dirt. Next steps were discussed, i.e., capping the area so as to stop infiltration, which is something that was supposed to be done. Capping would also give additional parking area. The general consensus was that capping needs to be done so as to put this situation to bed and fulfill obligations.

The Pearson well results were noted. An e-mail received from Mr. Kropp noted that Mr. Pearson seems to want to turn the treatment system on again. Another round of testing will take place around the end of the month and decision made thereafter.

#### **ADMINISTRATIVE REPORTS:**

##### Bill List for March 2016

##### **BILL LIST** March 24, 2016

DATE	VENDOR	AMOUNT PAID
February 17, 2016	Hunterdon County (food inspections)	\$ 275.00
	Pearson (filter reimburse)	68.88
March 16, 2016	Maser (STW 22/18)	\$1,020.00
	Russell Reid (2 pump outs)	659.39

NOTE: The above invoices were received and paid from the BOH line item (\*except as noted above) and are provided for informational purposes.

Soil Test Witness Report for January and February 2016

BOARD OF HEALTH  
SOIL WITNESSING REPORT  
Month of: January 2016

Tests Performed:

<u>Name</u>	<u>Block Lot</u>	<u>Address</u>
None		

Monies Received and Deposited:	\$ 1450.00
Fees Refunded:	\$ 300.00

BOARD OF HEALTH  
SOIL WITNESSING REPORT  
Month of: February 2016

Tests Performed:

<u>Name</u>	<u>Block Lot</u>	<u>Address</u>
Stephens	22/18	361 Rock Road East
Reid	28/24	241 Goat Hill
Keller	8/28.02	23 Mill Road

Monies Received and Deposited:	\$ 3,550.00
Fees Refunded	\$ 0.00

Website Review – None

The foregoing reports were accepted as presented with no further discussion.

**CLOSED SESSION & RESULTS, IF ANY:** None

**CORRESPONDENCE:**

The correspondence, as listed on the Agenda, was ordered filed.

**DISCUSSION:**

The preponderance of Zika virus information was noted. A recent dog/raccoon incident was mentioned. The raccoon tested positive but the dogs had been vaccinated.

Board of Health Minutes  
March 24, 2016  
Page 6

**ADJOURNMENT:**

There being no further business before the Board, the meeting was unanimously adjourned at 8:17 p.m. on motion from Cally.

Respectfully submitted,

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Lora Olsen, Secretary

APPROVED: May 26, 2016